

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 10:58 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 459 Const Calendar Day: 829 Date: 16-Dec-2011 Friday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 am 04:30 pm Break: 00:30 Over Time: 01:00

Federal ID:

Location:

Reviewer: Mathur, Lalit

Approved Date:

Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather****Temperature** 7 AM 40 - 50 12 PM 50 - 60 4PM 40 - 50**Precipitation** 0.00"**Condition** Partly cloudy w/moderate windsWorking Day ☐ If no, explain:**Diary:**

Dispute

Work description.

- Attended an informal field meeting at 7:30am with ABF engineer Zach Lauria and survey party chief Dave Adams. The intent of the meeting was to discuss the particulars of surveying the first cable strand as it relates to the adjusting operation. Roman Granados and the three Alta Vista surveying consultants were present for the meeting.
- The following is the hours worked by the Alta Vista consultants today:
 - Dave Garrett (survey party chief) = 4hrs
 - Chris Ferrucci (instrumentman) = 8hrs
 - Erol Schaller (rodman) = 8hrs
- All three Alta Vista surveying consultants Dave Garrett, Chris Ferrucci, and Erol Schaller received the catwalk training from ABF engineer Adam Roebuck at 6:30am.
- Went to the Port of Oakland Calibration Baseline with Chris and Erol to check their Trimble and my Nikon total stations. Set-up on the OM control point and shot to 150M, 430M and 1000M control points with their Seco glass, my Seco glass, and the SMR (point 430M only). The second set-up was on control point 430M shooting to the 1000M control point. Both their Seco glass and mine was used for comparisson. The exercise confirmed that the EDM for both total stations is adequately suited to measure accurate distances. The measurements on the tracking mode on their Trimble total station was not different than the standard mode. This function was tested since Chris plans to use the tracking feature from a remote distance (not near the total station) on the catwalks for surveying the first cable strand.
- Gave Dave and Chris some additional documents related to the first cable strand survey and the Caltrans SFOBB project control drawing vs ABF/Towill's numbers (Submittal 548R01).
- Continued processing surveying data from last week and earlier this week since I was showing the consultants around the project and familiarizing them with the upcoming 1st cable strand survey.

Attachment

Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 459

Date: 16-Dec-2011

Friday



Cable strand hauling frame placed near the E-Line west anchorage at the W2 cap beam secondary hauling system.



ABF ironworkers beginning to place the bikepath railing on the south side of the panels.



A different cable strand hauling frame from yesterday was placed near the W-Line east anchorage.



Cable strand placed on a swift near the W-Line east anchorage.



Closeup of the cable strand hauling frame connection on the hauling rope cable.



Cable strands mobilized on the W-Line OBG deck near the tower.